

## **REMARKS**

Applicant has cancelled claims 1-12 and instead presents new claims 13-24 for consideration by the Examiner. The original set of claims defined the invention in terms of an object oriented data structure, and unduly limited the invention to requiring a document class library, a parser, and a user input interface. The new claims are directed to the principles used by the system, without being limited to an object oriented structure. Applicant submits that these new claims do not incorporate any new matter into the present application.

Accordingly, Applicant submits these new claims 13-24 are intended to more generally define aspects of the present invention as contained within the specification as originally filed.

Applicant has described the data file structure more generally as "a collection of elements," as would be understood by a person skilled in the art. Furthermore, Applicant has reworded the data structure more generally as "a hierarchy of tiers" for representing the collection of elements.

Purpose parameters are clarified to be received parameters.

To the extent that any elements of the old claims are still present in the new claims, Applicant submits that no element has been narrowed. Accordingly, it is submitted that the presentation of these new claims is not a narrowing amendment related to a statutory requirement.

New Claim 13 defines the present invention as a system for creating a customizable document. The system uses a collection of elements arranged hierarchically in tiers. The tiers are component tiers with variation tiers. A selection engine operates on the tiers to select a subset of the elements to form a customized document in accordance with a set of parameters. Support for this language may be found as follows :

- a) The collection of elements recited in claim 13 is disclosed in the specification at page 8 line 12, where the division of the data structure into components or elements is described. The arrangement of the elements hierarchically in tiers is shown in Figure 5. Figure 5 also shows a first tier type and a second tier type since it shows both components and variations thereof. Examples of components are given in the specification at page 8 line 13 as the classes document, section, topic, sentence, and lexical.
- b) Variations of components are described at page 8 line 16 of the specification. Parameters associated with elements of tiers are disclosed in the specification at page 7 line 10 and in the accompanying description of each block, for example at page 9 line 6 to 8. The use of a selection engine to produce a document is described at page 16 line 5. Further, specific algorithms needed by the selection engine are described in the specification beginning at page 16.

In regard to claim 14 the association of parameters with each variation tier is described in the specification since in the description of the blocks beginning at page 7, each variation is specified as having a condition associated with it. These conditions are Boolean expressions composed from pairs of purpose parameters and their allowable values, and so form a set of parameters to be associated with a variation tier.

With regard to claim 15, the operation of the selection engine is described for example at page 14 line 16 to 19. The disclosure immediately following provides a basis for the inclusion of content and computer parameters as claimed in claim 16.

The use of objects arranged in classes and selection engine being hierarchical elements as claimed in claim 17 is disclosed at page 15 lines 25 to 29.

With regard to claim 18, the specification of the data structure beginning at page 7 and the

example given at page 21 clearly show a grammar.

Claims 19 to 24 are directed to a method for creating a customized document. This method implements the system claimed in claims 13 to 18 and so these claims are supported by the disclosure for the same reasons as claim 13 to 18.

Respectfully submitted,

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Date



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